BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI

Office of the Executive Engineer Dasarahalli Division,

MODIFIED SCHEDULE-B

NAME OF WORK: Improvements & Asphalting to 1st & 2nd Main road of BHEL mini Colony & other roads in Mallasandra, in Shettyhalli Sub Division, Ward No.13.

Sl. No	Description of work	Unit	Qty	Sanctioned Estimate Rates	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods complete as per specifications.	Cum	877.05	65.88	Rupees Sixty Five and Eighty Eight Paise Only
2	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam Specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	cum	730.88	1121.04	Rupees One Thousand One Hundred Twenty One and Four Paise Only
3	Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications.	Sqm	2923.50	44.28	Rupees Forty Four and Twenty Eight Paise Only
4	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base/binding course including loading of aggregates with F.E loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50/75 mm compacted thickness with 3.3% bitumen but excluding cost of primer/ tack coat with lead upto 1km including cost of all materials, labour, HOM of machineries complete as per specifications.	Cum	146.18	6646.32	Rupees Six Thousand Six Hundred Forty Six and Thirty Two Paise Only

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5	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm	9381.30	2.59	Rupees Two and Fifty Nine Paise Only
6	Tack coat:- Providing and laying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/Granular surface cleaned with mechanical broom. complete as per specifications.	Sqm	9381.30	11.99	Rupees Eleven and Ninety Eight Paise Only
7	Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired complete as per specifications.	Cum	234.53	9631.44	Rupees Nine Thousand Six Hundred Thirty One and Forty Four Paise Only
8	Carriage of mixed materials 10 Kms, For items of Sl.no 1.c) rs. 5.20 per cum/km complete as per specifications.	Cum	380.71	56.16	Rupees Fifty Six and Sixteen Paise Only
9	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10 Km a)Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b)Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c)Add loading and unloading complete as per specifications.	Cum	877.05	72.71	Rupees Seventy Two and Seventy Paise Only

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